

Rocky Mountain E&P Technology Transfer Workshop

*August 5, 2002
Denver, Colorado*



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PURPOSE

The National Energy Technology Laboratory (NETL) will host a half-day “Rocky Mountain E&P Technology Transfer Workshop” the morning of August 5, 2002. This workshop will be an excellent primer to the Colorado Oil & Gas Association’s ‘Rocky Mountain Natural Gas Strategy Conference’ session scheduled for the afternoon of August 5 (**coga.org**). Both of these sessions will focus on emerging gas plays, critical new technologies, and business practices that are boosting natural gas exploration and production in the Rockies. NETL-funded research is providing new technologies to meet the challenges of exploration and production, and by transferring technology through this workshop, will enable industry to make better decisions relative to gas exploration and production in the Rocky Mountains. Planned talks will walk through resource characterization, tools and methodology for exploration, completion and stimulation technology, and production optimization.

WHO SHOULD ATTEND

- Gas exploration and production managers, engineers, geologists, and geophysicists, technology developers, researchers, and service providers
- Universities, associations, and other groups involved in exploration and production research and development
- Anyone interested in the nation’s long-term energy future.

WORKSHOP PRESENTATIONS

The workshop is planned to be a results-oriented, product-focused workshop with presentations by the following researchers:

Brad Tomer, National Energy Technology Laboratory – Overview of Gas Exploration, Production, and Storage Program

Ray Boswell, EG&G Technical Services, Inc.E2S – Gas Resource Assessments for the Greater Green River and Wind River basins: Characterizations to support analyses of the role of R&D in expanding the economically-recoverable resource base

Bjorn Paulsson, Paulsson Geophysical Services, Inc. – Development of a 400 level 3C Clamped Downhole Seismic Receiver Array for 3D Imaging of Gas Reservoirs

James J. Reeves, GeoSpectrum, Inc. – Prospect Development in Fractured Dakota Tight Gas Sands using Azimuth Dependent 3D Seismic Attributes

Fred Sabins, Cementing Solutions, Inc. – Improved Performance of Ultralight Cement Compositions

George Scott, Realtimezone – Real-time Downhole-mixed Stimulation Fracturing Process

Lawrence W. Teufel, New Mexico Tech – Optimization of Infill Drilling in Naturally-Fractured Tight-Gas Reservoirs in the San Juan Basin

General Information

LOCATION AND ACCOMMODATIONS

The Denver Marriott City Center located at 1701 California Street in Denver Colorado is the official host for the Conference.

A block of rooms has been reserved at the Hyatt Regency Denver Hotel located at 1750 Welton Street Denver Colorado (just one block from the Marriott where the conference is being held). The Conference rate is \$155.00 plus tax 13.45% for single and double occupancy. For reservations, contact the hotel directly at (303)295-1234. You must reference the Colorado Oil & Gas room block to receive the special rate listed above. A block of rooms will be held until July 14, 2002.

Hotel Check-in time is 3:00 and check-out time is 12:00 noon.

TRANSPORTATION

Super Shuttle: \$18.00 one way and \$32.00 round trip (303)370-1300.

No reservations are required. When arriving at the airport follow signs for ground transportation for the super shuttle reservation desk (level 5). For shuttle reservations returning to the airport, please contact the hotel's bell captain to obtain a schedule of departure times.

REGISTRATION INFORMATION

Please complete the registration form enclosed in this packet. There is no registration fee but you still need to register in order to reserve your place at the workshop.

FOREIGN NATIONAL NOTICE

All foreign nationals who wish to attend DOE sponsored conferences, meetings, workshops, or seminars are required to submit NETL Form F142.1-2 requesting a DOE unclassified visit. A minimum of 35 days advance notice is required for the review and approval process for unclassified foreign national visits. A foreign national is any person who is not a U.S. citizen and includes permanent resident aliens (PRAs or "green card holder").

NETL supports an active program of unclassified visits by foreign nationals. International cooperation and collaboration is an important element within our programs. NETL is required to ensure that these visits are conducted under prescribed conditions in a manner consistent with the U.S. Department of Energy's policies.

Please submit the NETL Foreign National Visitor Form F142.1-2 as soon as possible to NETL Event Management, who will coordinate the process and make approval notification.

Note: If the Foreign National Form is received in less than 35 days from the start of the workshop, each form submitted will be handled on a case by case basis. We apologize for this inconvenience, but we are required to follow the U.S. Department of Energy/HQ regulations.

If you have any questions, please call **Karen Lockhart**, CMP at **(412)386-4763** or e-mail **karen.lockhart@sa.netl.doe.gov**.

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- 7:30 a.m. **CONTINENTAL BREAKFAST AND REGISTRATION**
- 8:00 a.m. **Overview of Gas Exploration, Production, Storage Program**
Brad Tomer
U.S. Department of Energy
National Energy Technology Laboratory
- 8:15 a.m. **Gas Resource Assessments for the Greater Green River and Wind River Basins: Characterizations to Support Analyses of the Role of R&D in Expanding the Economically-Recoverable Resource Base**
Ray Boswell
EG&G Technical Services, Inc.
- 8:45 a.m. **Development of a 400 Level 3C Clamped Downhole Seismic Receiver Array for 3D Imaging of Gas Reservoirs**
Bjorn Paulsson
Paulsson Geophysical Services, Inc.
- 9:15 a.m. **Prospect Development in Fractured Dakota Tight Gas Sands Using Azimuth Dependent 3D Seismic Attributes**
Jim Reeves
GeoSpectrum, Inc.
- 9:45 a.m. **BREAK**
- 10:00 a.m. **Improved Performance of Ultralight Cement Compositions**
Fred Sabins
Cementing Solutions, Inc.
- 10:30 a.m. **Real-Time Downhole-Mixed Stimulation Fracturing Process**
George Scott
Realtimzone
- 11:00 a.m. **Optimization of Infill Drilling in Naturally-Fractured Tight-Gas Reservoirs in the San Juan Basin**
Larry Teufel
New Mexico Tech
- 11:30 a.m. - 12:55 p.m. **GROUP LUNCH**
Speaker: Carl Michael Smith, Assistant Secretary, Office of Fossil Energy, U.S. Department of Energy
- 12: 55 p.m. **ADJOURN**